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OFFICE
DEFECTS INVESTIGATION

Gary W. Rossow
Director
Government Technical Affairs

DATE: February 14, 2000

Freightliner Corporation
4747 N Channel Ave.
Portland, OR 97217
603.735.8882 Phone
603.735.8500 Fax
GaryRossow@Freightliner.com

Office of Defects Investigation, Room 5326
National Highway Traffic Safety Administration
400 Seventh St., S.W.
Washington, D.C. 20590

Attn: Jonathan D. White

Subject: Information Report, NHTSA No. 98V-22~~1~~³

In accordance with Title 49, Part 573, Freightliner Corporation herewith submits an information report supplying supplemental information and copies of documents distributed to dealers and purchasers.

Due to a shortage of parts, owners of 726 vehicles were notified from the total population of 1182 vehicles affected. Owners of the remaining population will be notified as soon as parts are available.

Sincerely,

Gary W. Rossow

Cc: Michael Mason, CAL-OSHA

Certified Mail No. Z 068 331 190

Section 573.5 Defect Information Report

Supplement No.: 1

Date: February 14, 2000

(c) (1) Manufacturer: FREIGHTLINER CORPORATION
P.O. BOX 3849
Portland, Oregon 97208
(503) 735-8078

(c) (3) Total number of vehicles potentially affected: (Revise to read) 1182

(c) (8)(i) Remedial program:

(ii) Estimated owner notification began on 2/3/00 and was completed 2/3/00

(c) (11) Manufacturer's campaign number: FL-243



A Division of **FREIGHTLINER**
CORPORATION

Alliance
P.O. Box 4080
Portland, OR 97208-4080
800.547.0712 Phone
503.755.7415 Fax

Recall Campaign Information

January 2000

Attention: Service Manager
Warranty Manager
Parts Manager
Freightliner Field Personnel
Internal Distribution

Subject: XC Side Radiator Hydraulic System
FL243AD U.S.
FC243AD Canada

Enclosed is a copy of the subject recall bulletin.

There are approximately 1092 vehicles involved in this campaign.

Please replace the Index and all previous versions of this bulletin in your Recall Binder.

RECALL & FIELD SERVICE DEPARTMENT

Attachments

Freightliner Corporation is a Member
of the Daimler-Benz Group



A Division of **FREIGHTLINER**
Corporation

Recall Bulletins Index (January 2000)

Campaign No.		Subject
U.S.	Canadian	
FL172A		GKN Front Axle Knuckle Assemblies (Revised Edition)
FL174A	FC082A	Seat Belt Anchor Washers
FL175A-K	FC083A-K	Front Brake Chambers Mounted on Rockwell Foundation Brakes (Revised Edition)
FL176A		Aftermarket Parts Only
FL177A	FC086A	Muffler Mounting Brackets
FL178A	FC085A	Rockwell/WABCO Air Dryer
FL179A	FC087A	Steering Axle Tie Rod Ball Joint Nuts
FL180A	FC088A	Swing-Out Side Windows (Revised Edition)
FL181B	FC089B	Mechanical Parking Brake Lever (Revised Edition)
FL182AB	FC090AB	Air Reservoirs (Revised Edition)
FL183A	FC091A	Phillips Gladhand Fasteners
FL184A	FC092A	Brake Spider Bolts
FL185A -	FC093A -	Freightliner Custom Chassis Corporation Bulletins to be released at a later date
FL197A	FC104A	
FL196A		Air Line Interference with Hydraulic Lines (FCCC)
FL198A		Upper Bunk Support Brackets
FL199A	FC105A	Neway AD Type Suspension (Distributed by Neway)
FL200A	FC106A	Steering Column Tilt/Telescoping Mechanism
FL201A	FC107A	To be released at a later date
FL202A	FC108A	Relay Replacement, and Cab/Roof Seam and Antenna Mounting Stud(s) Sealing
FL203A	FC109A	Cruise Control Disengagement (FCCC)
FL204A	FC110A	Crossmember-Track Bar Interference with Tie Rod (FCCC)
FL205AB	FC111AB	Fan Clutch Disc Replacement (Revised Edition)
FL206A	FC112A	Eaton Drive Axles with Axi-Lok® Spindle Nuts
FL207A	FC115A	Midland Park Brake Spring Chamber (FCCC)
FL208A	FC113A	Non-Compliance of B-Pillar Anchorage
FL209A	FC114A	Foot Brake Valve Adapter
FL210AD	FC116AD	Transmission Shift Control (FCCC)
FL211A		To be released at a later date
FL212AD	FC117AD	Steering Shaft Slip Spline
FL213A	FC119A	Rear Brake Callipers Contacting the Spring Seat (FCCC)
FL214A		Grote Turn Signal Switch
FL215A	FC118A	Parking Brake on Allison 500 Series Transmission (Revised Edition) (FCCC)
FL216A	FC120A	Front Axle Hub Flange



A Division of **FRANCIS & TOWERS**
INCORPORATED

Recall Bulletin Index (January 2000)

Campaign No.		Subject
U.S.	Canadian	
FL217A		Non-Compliance Antilock Power Circuit for Towed Vehicles
FL218A-E	FC121A-E	Incorrect Tire Weight Ratings
FL219A	FC122A	Hydraulic Parking Brake Relay Valve (FCCC)
FL220A	FC125A	Non-Compliance of Seat Belt Anchorage (ALF)
FL221A-D	FC126A-D	Non-Compliance of Brake Release Timing (ALF)
FL222A	FC123A	Fan Blades on Business Class Vehicles
FL223AC	FC124AC	Meritor RPL Driveline U-Joints (Superseded by FL223DEF/ FC124DEF)
FL223DEF	FC124DEF	Meritor RPL Driveline U-Joints (Second Revised Edition)
FL224A		Non-Compliance of Air Reservoir Volume
FL225AB	FC127AB	FC 921 Front Axle Knuckles
FL226AB	FC128AB	Non-Compliance of Door Hinge Fasteners
FL227A		Non-Compliance of Emergency Brake Systems
FL228A	FC129A	Century Class Wiper Linkage
FL229ABC	FC130ABC	MT35 Throttle Return Springs
FL230AB	FC230AB	Business Class Driveline Park Brake Drum (Revised Edition)
FL231ABC	FC131ABC	Meritor Automatic Slack Adjusters
FL232A		Bendix ABS Plumbing
FL233AB	FC233AB	FCCC Tie Rod Assemblies
FL234AB		RS-17145/RS-19145 Rear Axle Housing (Revised Edition)
FL235A	FC235A	FCCC XC System III Dimmer Switch
FL236A	FC236A	Business Class Hydraulic Brake Tube
FL237A	FC237A	Business Class Steering Column Welds
FL238AC	FC238AC	Dual Steering System Brackets and Pinch Bolts
FL239A	FC239A	Argosy Cigarette Lighter
FL240AC	FC240AC	American LaFrance Air Tank Drain Harness
FL241A-J	FC241A-J	TufTrac suspension Axle Clamps
FL242A	FC242A	Fontaine Dual Steering System
FL243A	FC243A	XC Side Radiator Hydraulic System
FL244A-F	FC244A-F	MT45 and MT55 Throttle Cable
FL245A	FC245A	not yet released
FL246AB	FC246AB	ConMet Preset Greased Front Hubs
FL251A	FC251A	Century Class Tie Rod Ends

January 2000
FL243AD U.S.
FC243AD Canada

Subject: XC Side Radiator Hydraulic System

MODELS AFFECTED: Freightliner specific Custom Chassis XC models equipped with a side mount radiator and hydraulic system manufactured between July 1997 and November 18, 1999.

GENERAL INFORMATION

It has been determined that a defect which relates to motor vehicle safety exists on the vehicles specified above. There are approximately 1092 vehicles involved in this campaign.

The filter gasket for the power steering hydraulic fluid may blow out due to pressure spikes in the system. This can result in a loss of power steering fluid and an eventual loss of power assist to the steering if the leak is undetected. The vehicle will retain mechanical steering capability.

The modification consists of adding an accumulator to the hydraulic system on all vehicles. The external filter should also be removed from vehicles equipped with a metal hydraulic fluid reservoir.

WORK INSTRUCTIONS

Please refer to the attached work instructions.

REPLACEMENT PARTS

Replacement kits are now available.

If your dealership has ordered any vehicle(s) involved in campaign number FL243AD/FC243AD, a computer listing of the customers and vehicle identification numbers will be enclosed. Please refer to this list when ordering parts for this recall.

Refer to Tables 1-4 for replacement kit(s).

25-FL243-000

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit	Wholesale Price*
FL243A/FC243A	25-FL243-000	Hose Assembly	05-17745-069	1	\$507.40 U.S./ \$1325.97 Canada
		Diagram	D05-19034-000	1	
		Hose Assembly	05-17746-032	1	
		Tie Strap	TYC DCT110HIR	2	
		Accumulator	05-19031-000	1	
		Tee fitting	05-19049-000	1	
		Accumulator Mounting Bracket	05-19029-000	1	
		Cable Assembly	12-17553-000	1	
		Screw	L23-11745-100	2	
		3/8" Bearing Washer	L23-09114-002	2	
		3/8" 24F Hex nut	L23-09901-206	1	

* Please charge all Direct Warranty Customers the above listed price for the kit, as they are authorized to perform their own Recall Modifications.

Table 1



A Division of **FREIGHTLINER**
Corporation

Recall

Recall Bulletin

January 2000
FL243AD U.S.
FC243AD Canada

25-FL243-001

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit	Wholesale Price*
FL243B/FC243B	25-FL243-001	Hose Assembly	05-17745-036	1	\$591.80 U.S./ \$1267.82 Canada
		Hose Assembly	05-17746-032	1	
		Tie Strap	TYG DCT110HIR	2	
		Accumulator	05-19031-000	1	
		Tee fitting	05-19049-000	1	
		Accumulator Mounting Bracket	05-19029-000	1	
		Cable Assembly	12-17553-000	1	
		Screw	L23-11745-100	2	
		3/8" Bearing Washer	L23-09114-002	2	
		3/8" 24F Hex nut	L23-09901-206	1	

* Please charge all Direct Warranty Customers the above listed price for the kit, as they are authorized to perform their own Recall Modifications.

Table 2

25-FL243-002

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit	Wholesale Price*
FL243C/FC243C	25-FL243-002	Hose Assembly	05-17745-036	1	\$589.59 U.S./ \$1259.49 Canada
		Hose Assembly	05-17746-017	1	
		Tie Strap	TYG DCT110HIR	2	
		Accumulator	05-19031-000	1	
		Tee fitting	05-19049-000	1	
		Accumulator Mounting Bracket	05-19029-000	1	
		Cable Assembly	12-17553-000	1	
		Screw	L23-11745-100	2	
		3/8" Bearing Washer	L23-09114-002	2	
		3/8" 24F Hex nut	L23-09901-206	1	
		Connector	23-12481-012	1	

* Please charge all Direct Warranty Customers the above listed price for the kit, as they are authorized to perform their own Recall Modifications.

Table 3

January 2000
FL243AD U.S.
FC243AD Canada

25-FL243-003

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit	Wholesale Price*
FL243D/FC243D	25-FL243-003	Hose Assembly	05-17745-036	1	\$642.69 U.S./ \$1176.86 Canada
		Hose Assembly	05-17746-017	1	
		Tie Strap	TYC DCT110HIR	2	
		Accumulator	05-18031-000	1	
		Tee fitting	05-18049-000	1	
		Accumulator Mounting Bracket	05-18028-000	1	
		Cable Assembly	12-17553-000	1	
		Screw	L23-11745-100	2	
		3/8" Bearing Washer	L23-09114-002	2	
		3/8" 24F Hex nut	L23-09901-206	1	

* Please charge all Direct Warranty Customers the above listed price for the kit, as they are authorized to perform their own Recall Modifications.

Table 4

REMOVED PARTS

Removed housings are to be returned to Meritor per the instructions included with the replacement housing.

LABOR ALLOWANCE

Refer to Table 5 for labor allowance.

Campaign Number	Procedure	Time Allowed (hours)	SRT Code	Damage Code
FL243ABD/FC243ABD	Install and plumb Accumulator	3.6	996-0318A	000-Modifiedx
FL243C/FC243C	Remove external filter, install and plumb accumulator	4.1	996-0318B	000-Modifiedx

Table 5

IMPORTANT: When the modification has been completed, clean a spot on the front wall under the driver's side dash and attach a completion sticker (Form W-147), referencing the modification number and date the work was performed.

CLAIMS FOR CREDIT

You will be reimbursed for your parts, labor and handling by submitting your claim through the Alliance Warranty system. Please reference **FL243AD/FC243AD** in the FSDOC field and 25-FL243-000 in the primary failed part number field on each claim. All modification parts used must be listed on the claim as the kit number shown in the Replacement Part Tables.

NOTE: ServicePro®/Service Advisor® must be viewed prior to performing the modification to ensure the vehicle is involved and the modification has not been previously completed. Also, it is important to check for a completion sticker prior to performing the modification.

Freightliner provides the following methods to determine if a vehicle is involved in any campaigns:

1. On-line Service Advisor®



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CORPORATION

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FL243AD U.S.
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2. On-line ServicePro®
3. Contact the Recall & Field Service Department at 1-800-547-0712, from 7:00 a.m. to 3:30 p.m., Pacific Time, or the Alliance Customer Assistance Center at 1-503-735-7877 after normal business hours, if you have any questions or need additional information.

To return excess kit inventory related to this campaign, please submit a Parts Authorization Request (PAR), to the Memphis PDC. All PAR requests must include the original purchase invoice number.

The letter notifying vehicle owners is included for your reference.

Please note that the National Traffic and Motor Vehicle Safety Act as amended (49 USC) requires the owner's vehicle(s) be corrected within a reasonable time after parts are available to you. The act states that failure to repair a vehicle within 60 days after tender for repair shall be prima facie evidence of an unreasonable time. However, circumstances of a particular situation may reduce the 60 day period. Failure to repair a vehicle within a reasonable time can result in either the obligation to (a) replace the vehicle with an identical or reasonably equivalent vehicle, without charge, or (b) refund the purchase price in full, less a reasonable allowance for depreciation. The act further prohibits dealers from selling a vehicle unless all outstanding recalls are performed. Also, any lessor is required to send a copy of the recall notification to the lessee.

Finally, the Act states that a remedy need not be provided without charge if the vehicle was bought by the first purchaser more than eight (8) calendar years before notice is given.

RECALL & FIELD SERVICE DEPARTMENT



January 2000
FL243AD U.S.
FC243AD Canada

Copy of Letter to Owner

Subject: XC Side Radiator Hydraulic System

Dear Freightliner Custom Chassis Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act and the Canadian Motor Vehicles Safety Act.

It has been determined that a defect which relates to motor vehicle safety exists on Freightliner specific Custom Chassis XC models equipped with a side mount radiator and hydraulic system manufactured between July 1997 and November 18, 1999.

The filter gasket for the power steering hydraulic fluid may blow out due to pressure spikes in the system. This can result in a loss of power steering fluid and an eventual loss of power assist to the steering if the leak is undetected. The vehicle will retain mechanical steering capability.

The modification consists of installing an accumulator to the hydraulic assembly.

You should immediately contact your Freightliner dealer to arrange to have your vehicle(s) modified. When you contact your dealer, reference campaign number **FL243AD/FC243AD**. The kits are now available to Freightliner dealers to complete the modification. Please allow approximately 4 hours to have this modification completed. This modification will be performed at no charge to you.

IMPORTANT: When the modification has been completed on your vehicle, please ensure that a sticker has been affixed on the front wall under the driver's side dash, referencing FL243AD/FC243AD and the date the work was performed.

If you do not own the vehicle that corresponds to the identification number(s) which appear on the Recall Notification, please return the notification to the Alliance Recall Department with any information you can furnish that will assist us in locating the present owner. If you have leased this vehicle, please make sure this notification is immediately forwarded to the lessee.

If you are unable to have the defect remedied without charge and within a reasonable time after you tender the vehicle for repair, please contact the Recall & Field Service Department, at 1-800-547-0712, 7:00 a.m. to 3:30 p.m., Pacific Time, or the Alliance Customer Assistance Center, at 1-800-FTL-HELP after normal business hours. You may also wish to notify the Administrator, National Highway Traffic Safety Administration, 400 7th Street S.W., Washington, D.C. 20590, or phone 1-800-424-9393. If your vehicle is involved in the Canadian portion, you may notify the Manager, Recall and Public Compliance, Road and Motor Vehicle Traffic Safety Branch, Transport Canada, Ottawa, Ontario, or phone (613) 993-9851.

We regret any inconvenience this action may cause, but feel certain you understand our interest in motor vehicle safety.

RECALL & FIELD SERVICE DEPARTMENT

Enclosure



Recall

January 2000
FL243AD U.S.
FC243AD Canada

Work Instructions

Subject: XC Side Radiator Hydraulic System

MODELS AFFECTED: Freightliner specific Custom Chassis XC models equipped with a side mount radiator and hydraulic system manufactured between July 1997 and November 18, 1999.

WORK INSTRUCTIONS

1. Park the vehicle, set the parking brake, and chock the tires.
2. Allow the engine to cool.
3. When the engine has cooled, raise the rear engine access cover.
4. Put a clean container under the power steering reservoir and disconnect the supply hose from the reservoir to drain the system.
5. Disconnect and remove the hose connecting the proportioning valve to the lower end of the oil cooler. See Fig. 1.
6. Remove the two capscrews from the bottom of radiator mounting bracket.
7. Install the mounting bracket from the kit onto the radiator mounting bracket. Using the capscrews and washers from the kit, install them into the holes from which the capscrews were removed.
8. Install the Tee-fitting onto the accumulator and tighten 20 lbf-ft (27 N-m).
9. Seat the accumulator onto the mounting bracket. See Fig. 1.
10. Using the cable assembly and the 3/8-24 nut, secure the accumulator to the bracket. See Fig. 1. Tighten the nut 30 lbf-ft (40 N-m).
11. Connect the new hoses from the kit to the tee on the accumulator. Tighten the fittings 20 lbf-ft (27 N-m).
12. Connect one hose to the bottom of the oil cooler. Then, connect the other hose to the proportioning valve. Tighten the fittings 20 lbf-ft (27 N-m).
13. Using two dual hose clamps, secure the hoses together. See Fig. 1.
14. Check the type of power steering reservoir.

If equipped with a 12-quart metal reservoir, check for an external filter near the oil cooler, in the hydraulic hose running from the top of the oil cooler to the reservoir. See Fig. 1.

If the filter is present, remove it and connect the hose ends using a union fitting from the kit. Tighten the fittings 20 lbf-ft (27 N-m).

IMPORTANT: Remove the external filter *only* if equipped with a metal reservoir. If the vehicle is equipped with a plastic reservoir, do not remove the external filter; leave it in place.

15. Fill and bleed the hydraulic system. See Group 46 in the chassis workshop manual for instructions.
16. Close the rear engine access cover.
17. Clean a spot on the firewall under the dash on the driver's side, and attach a completion sticker (Form W-147). The sticker should reference the recall number and the date the work is done.

January 2000
FL243AD U.S.
FC243AD Canada

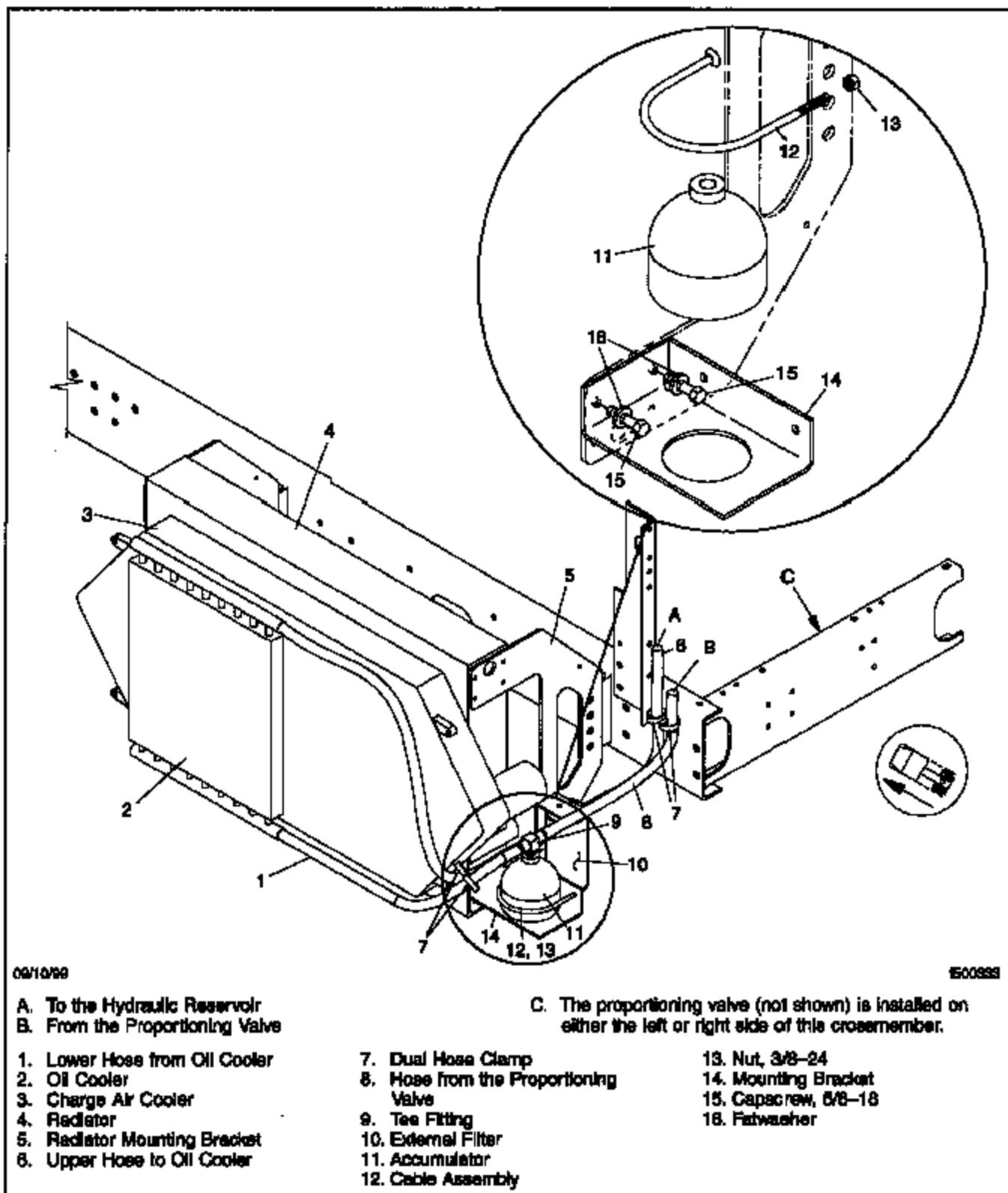


Fig. 1, Installation of Hydraulic System Accumulator



A Division of **FREIGHTLINER**
CORPORATION

Recall

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FL243AD U.S.
FC243AD Canada

18. Remove the chocks from the tires.



RECEIVED
07 APR -4 PM 9:28
OFFICE
DEFECTS INVESTIGATION

Gary W. Rossow
Director
Government Technical Affairs

DATE: March 27, 2000

Freightliner Corporation
4747 N Channel Ave.
Portland, OR 97217
503.738.8852 Phone
503.738.8800 Fax
GaryRossow@Freightliner.com

Office of Defects Investigation, Room 5328
National Highway Traffic Safety Administration
400 Seventh St., S.W.
Washington, D.C. 20590

Attn: Jonathan D. White

Subject: Information Report, NHTSA No. 99V-22X 3

In accordance with Title 49, Part 573, Freightliner Corporation herewith submits an information report supplying supplemental information and copies of documents distributed to dealers and purchasers.

These owner notifications were sent to the remaining population that had not been notified previously due to parts shortages.

Sincerely,

Gary W. Rossow

Cc: Michael Mason, CAL-OSHA

Certified Mail No. Z 224 781 560

Section 573.5 Defect Information Report

Supplement No.: 2

Date: March 27, 2000

(c) (1) Manufacturer: FREIGHTLINER CORPORATION
P.O. BOX 3849
Portland, Oregon 97208
(503) 735-8078

(c) (3) Total number of vehicles potentially affected: (Revised to read) 1,283

(c) (10) Copy of proposed owner notification letter:

Owner notification began on 2/10/00 and was completed 3/17/00

(c) (11) Manufacturer's campaign number: FL-243



A Division of **FREIGHTLINER**
CORPORATION

Alliance
P.O. Box 4080
Portland, OR 97208-4080
800.547.0712 Phone
800.795.7415 Fax

Recall Campaign Information

January 2000

**Attention: Service Manager
Warranty Manager
Parts Manager
Freightliner Field Personnel
Internal Distribution**

**Subject: XC Side Radiator Hydraulic System
FL243AD U.S.
FC243AD Canada**

Enclosed is a copy of the subject recall bulletin.

There are approximately 1092 vehicles involved in this campaign.

Please replace the index and all previous versions of this bulletin in your Recall Binder.

RECALL & FIELD SERVICE DEPARTMENT

Attachments

January 2000
FL243AD U.S.
FC243AD Canada

Subject: XC Side Radiator Hydraulic System

MODELS AFFECTED: Freightliner specific Custom Chassis XC models equipped with a side mount radiator and hydraulic system manufactured between July 1997 and November 18, 1999.

GENERAL INFORMATION

It has been determined that a defect which relates to motor vehicle safety exists on the vehicles specified above.

There are approximately 1092 vehicles involved in this campaign.

The filter gasket for the power steering hydraulic fluid may blow out due to pressure spikes in the system. This can result in a loss of power steering fluid and an eventual loss of power assist to the steering if the leak is undetected. The vehicle will retain mechanical steering capability.

The modification consists of adding an accumulator to the hydraulic system on all vehicles. The external filter should also be removed from vehicles equipped with a metal hydraulic fluid reservoir.

WORK INSTRUCTIONS

Please refer to the attached work instructions.

REPLACEMENT PARTS

Replacement kits are now available.

If your dealership has ordered any vehicle(s) involved in campaign number FL243AD/FC243AD, a computer listing of the customers and vehicle identification numbers will be enclosed. Please refer to this list when ordering parts for this recall.

Refer to Tables 1-4 for replacement kit(s).

25-FL243-000

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit	Wholesale Price*
FL243A/FC243A	25-FL243-000	Hose Assembly	05-17745-050	1	\$807.40 U.S./ \$1325.97 Canada
		Diagram	D05-19034-000	1	
		Hose Assembly	05-17748-032	1	
		Tie Strap	TYC DCT110HIR	2	
		Accumulator	05-19031-000	1	
		Tee fitting	05-19049-000	1	
		Accumulator Mounting Bracket	05-19029-000	1	
		Cable Assembly	12-17553-000	1	
		Screw	L23-11745-100	2	
		3/8" Bearing Washer	L23-09114-002	2	
		3/8" 24F Hex nut	L23-09901-206	1	

* Please charge all Direct Warranty Customers the above listed price for the kit, as they are authorized to perform their own Recall Modifications.

Table 1



A Division of **FLUORCORPORATION**
CORPORATION

Recall

Recall Bulletin

January 2000
FL243AD U.S.
FC243AD Canada

25-FL243-001

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit	Wholesale Price*
FL243B/FC243B	25-FL243-001	Hose Assembly	05-17745-038	1	\$591.80 U.S./ \$1267.82 Canada
		Hose Assembly	05-17746-032	1	
		Tie Strap	TYC DCT110HIR	2	
		Accumulator	05-19031-000	1	
		Tee fitting	05-19048-000	1	
		Accumulator Mounting Bracket	05-19029-000	1	
		Cable Assembly	12-17553-000	1	
		Screw	L23-11745-100	2	
		3/8" Bearing Washer	L23-09114-002	2	
		3/8" 24F Hex nut	L23-09901-206	1	

* Please charge all Direct Warranty Customers the above listed price for the kit, as they are authorized to perform their own Recall Modifications.

Table 2

25-FL243-002

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit	Wholesale Price*
FL243C/FC243C	25-FL243-002	Hose Assembly	05-17745-038	1	\$589.59 U.S./ \$1259.49 Canada
		Hose Assembly	05-17746-017	1	
		Tie Strap	TYC DCT110HIR	2	
		Accumulator	05-19031-000	1	
		Tee fitting	05-19048-000	1	
		Accumulator Mounting Bracket	05-19029-000	1	
		Cable Assembly	12-17553-000	1	
		Screw	L23-11745-100	2	
		3/8" Bearing Washer	L23-09114-002	2	
		3/8" 24F Hex nut	L23-09901-206	1	
		Connector	28-12481-012	1	

* Please charge all Direct Warranty Customers the above listed price for the kit, as they are authorized to perform their own Recall Modifications.

Table 3



Recall Bulletin

Recall

A Division of FREIGHTLINER CORPORATION

January 2000
FL243AD U.S.
FC243AD Canada

25-FL243-003

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit	Wholesale Price*
FL243D/FC243D	25-FL243-003	Hose Assembly	05-17745-036	1	\$642.68 U.S./ \$1178.88 Canada
		Hose Assembly	05-17746-017	1	
		Tie Strap	TYC DCT110HIR	2	
		Accumulator	05-19031-000	1	
		Tee fitting	05-19049-000	1	
		Accumulator Mounting Bracket	05-19029-000	1	
		Cable Assembly	12-17563-000	1	
		Screw	L23-11745-100	2	
		3/8" Bearing Washer	L23-09114-002	2	
		3/8" 24F Hex nut	L23-09901-206	1	

* Please charge all Direct Warranty Customers the above listed price for the kit, as they are authorized to perform their own Recall Modifications.

Table 4

REMOVED PARTS

Removed housings are to be returned to Meritor per the instructions included with the replacement housing.

LABOR ALLOWANCE

Refer to Table 5 for labor allowance.

Campaign Number	Procedure	Time Allowed (hours)	BRT Code	Damage Code
FL243ABD/FC243ABD	Install and plumb Accumulator	3.5	988-0318A	000-Modiflex
FL243C/FC243C	Remove external filter, install and plumb accumulator	4.1	988-0318B	000-Modiflex

Table 5

IMPORTANT: When the modification has been completed, clean a spot on the front wall under the driver's side dash and attach a completion sticker (Form W-147), referencing the modification number and date the work was performed.

CLAIMS FOR CREDIT

You will be reimbursed for your parts, labor and handling by submitting your claim through the Alliance Warranty system. Please reference FL243AD/FC243AD in the FSDOC field and 25-FL243-000 in the primary failed part number field on each claim. All modification parts used must be listed on the claim as the kit number shown in the Replacement Part Tables.

NOTE: ServicePro®/Service Advisor® must be viewed prior to performing the modification to ensure the vehicle is involved and the modification has not been previously completed. Also, it is important to check for a completion sticker prior to performing the modification.

Freightliner provides the following methods to determine if a vehicle is involved in any campaigns:

1. On-line Service Advisor®



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Recall

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2. On-line ServicePro®
3. Contact the Recall & Field Service Department at 1-800-547-0712, from 7:00 a.m. to 3:30 p.m., Pacific Time, or the Alliance Customer Assistance Center at 1-503-735-7877 after normal business hours, if you have any questions or need additional information.

To return excess kit inventory related to this campaign, please submit a Parts Authorization Request (PAR), to the Memphis PDC. All PAR requests must include the original purchase invoice number.

The letter notifying vehicle owners is included for your reference.

Please note that the National Traffic and Motor Vehicle Safety Act as amended (49 USC) requires the owner's vehicle(s) be corrected within a reasonable time after parts are available to you. The act states that failure to repair a vehicle within 60 days after tender for repair shall be prima facie evidence of an unreasonable time. However, circumstances of a particular situation may reduce the 60 day period. Failure to repair a vehicle within a reasonable time can result in either the obligation to (a) replace the vehicle with an identical or reasonably equivalent vehicle, without charge, or (b) refund the purchase price in full, less a reasonable allowance for depreciation. The act further prohibits dealers from selling a vehicle unless all outstanding recalls are performed. Also, any lessor is required to send a copy of the recall notification to the lessee.

Finally, the Act states that a remedy need not be provided without charge if the vehicle was bought by the first purchaser more than eight (8) calendar years before notice is given.

RECALL & FIELD SERVICE DEPARTMENT



January 2000
FL243AD U.S.
FC243AD Canada

Copy of Letter to Owner

Subject: XC Side Radiator Hydraulic System

Dear Freightliner Custom Chassis Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act and the Canadian Motor Vehicles Safety Act.

It has been determined that a defect which relates to motor vehicle safety exists on Freightliner specific Custom Chassis XC models equipped with a side mount radiator and hydraulic system manufactured between July 1997 and November 18, 1999.

The filter gasket for the power steering hydraulic fluid may blow out due to pressure spikes in the system. This can result in a loss of power steering fluid and an eventual loss of power assist to the steering if the leak is undetected. The vehicle will retain mechanical steering capability.

The modification consists of installing an accumulator to the hydraulic assembly.

You should immediately contact your Freightliner dealer to arrange to have your vehicle(s) modified. When you contact your dealer, reference campaign number FL243AD/FC243AD. The kits are now available to Freightliner dealers to complete the modification. Please allow approximately 4 hours to have this modification completed. This modification will be performed at no charge to you.

IMPORTANT: When the modification has been completed on your vehicle, please ensure that a sticker has been affixed on the front wall under the driver's side dash, referencing FL243AD/FC243AD and the date the work was performed.

If you do not own the vehicle that corresponds to the identification number(s) which appear on the Recall Notification, please return the notification to the Alliance Recall Department with any information you can furnish that will assist us in locating the present owner. If you have leased this vehicle, please make sure this notification is immediately forwarded to the lessee.

If you are unable to have the defect remedied without charge and within a reasonable time after you tender the vehicle for repair, please contact the Recall & Field Service Department, at 1-800-547-0712, 7:00 a.m. to 3:30 p.m., Pacific Time, or the Alliance Customer Assistance Center, at 1-800-FTL-HELP after normal business hours. You may also wish to notify the Administrator, National Highway Traffic Safety Administration, 400 7th Street S.W., Washington, D.C. 20590, or phone 1-800-424-9393. If your vehicle is involved in the Canadian portion, you may notify the Manager, Recall and Public Compliance, Road and Motor Vehicle Traffic Safety Branch, Transport Canada, Ottawa, Ontario, or phone (613) 993-9851.

We regret any inconvenience this action may cause, but feel certain you understand our interest in motor vehicle safety.

RECALL & FIELD SERVICE DEPARTMENT

Enclosure



A DIVISION OF FORTERGO UNDER
CORPORATION

Recall

Recall Bulletin

January 2000
FL243AD U.S.
FC243AD Canada

Work Instructions

Subject: XC Side Radiator Hydraulic System

MODELS AFFECTED: Freightliner specific Custom Chassis XC models equipped with a side mount radiator and hydraulic system manufactured between July 1997 and November 18, 1999.

WORK INSTRUCTIONS

1. Park the vehicle, set the parking brake, and chock the tires.
2. Allow the engine to cool.
3. When the engine has cooled, raise the rear engine access cover.
4. Put a clean container under the power steering reservoir and disconnect the supply hose from the reservoir to drain the system.
5. Disconnect and remove the hose connecting the proportioning valve to the lower end of the oil cooler. See Fig. 1.
6. Remove the two capscrews from the bottom of radiator mounting bracket.
7. Install the mounting bracket from the kit onto the radiator mounting bracket. Using the capscrews and washers from the kit, install them into the holes from which the capscrews were removed.
8. Install the Tee-fitting onto the accumulator and tighten 20 lbf-ft (27 N-m).
9. Seat the accumulator onto the mounting bracket. See Fig. 1.
10. Using the cable assembly and the 3/8-24 nut, secure the accumulator to the bracket. See Fig. 1. Tighten the nut 30 lbf-ft (40 N-m).
11. Connect the new hoses from the kit to the tee on the accumulator. Tighten the fittings 20 lbf-ft (27 N-m).
12. Connect one hose to the bottom of the oil cooler. Then, connect the other hose to the proportioning valve. Tighten the fittings 20 lbf-ft (27 N-m).
13. Using two dual hose clamps, secure the hoses together. See Fig. 1.
14. Check the type of power steering reservoir.

If equipped with a 12-quart metal reservoir, check for an external filter near the oil cooler, in the hydraulic hose running from the top of the oil cooler to the reservoir. See Fig. 1.

If the filter is present, remove it and connect the hose ends using a union fitting from the kit. Tighten the fittings 20 lbf-ft (27 N-m).

IMPORTANT: Remove the external filter only if equipped with a metal reservoir. If the vehicle is equipped with a plastic reservoir, do not remove the external filter; leave it in place.

15. Fill and bleed the hydraulic system. See Group 46 in the chassis workshop manual for instructions.
16. Close the rear engine access cover.
17. Clean a spot on the firewall under the dash on the driver's side, and attach a completion sticker (Form W-147). The sticker should reference the recall number and the date the work is done.

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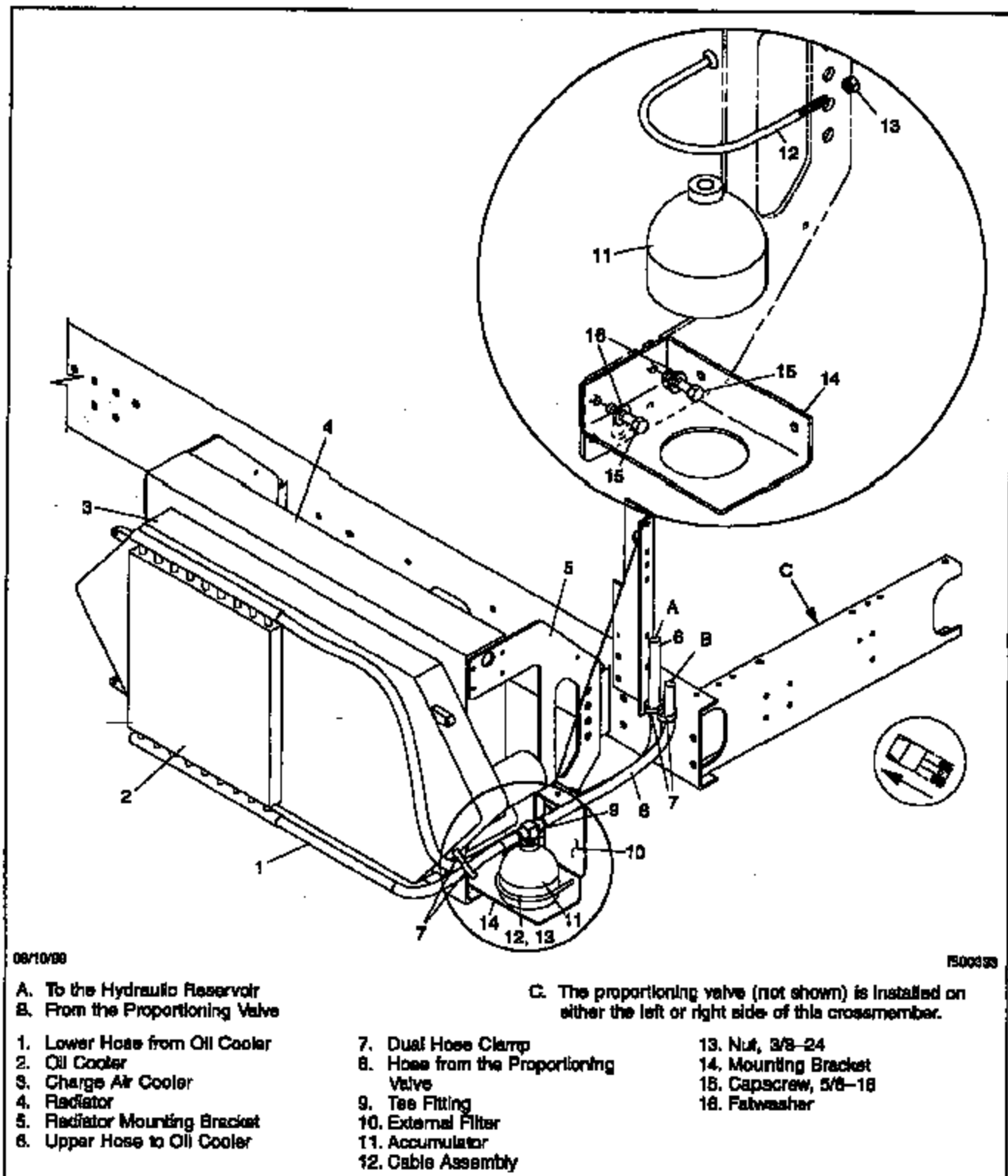


Fig. 1, Installation of Hydraulic System Accumulator